

**METHOD AND SYSTEMS FOR ANALYZING THE QUALITY
OF HIGH-SPEED SIGNALS**

Abstract

5 A method and systems for analyzing the quality of high-speed signals, when signals can not be over-sampled due to sampler clock rates, is disclosed. According to the method of the invention, the position of a phase rotator is moved from one end to the other and data are sampled at each position (500). Then,
10 data are formatted (505) to obtain a global value characterizing the signal behavior. Finally, this global value is corrected (510) to remove signal transition falsely detected too early. The use of the phase rotator multiplies artificially the number of sampling positions.